

Meeting Minute Approval Sheet

**222-S Project Managers Meeting & Misc. Lab Issues
(TSD: TS-2-1)**

2440 Stevens Center, room 1200

June 10, 2004

9:30 – 10:15 a.m.

RECEIVED
SEP 17 2004**EDMC**

DOE: LEB AS Stevens 8-5-04
Andrew Stevens Date

ECOLOGY: Rick A. Bond 8-5-04
Rick Bond Date

MEETING MINUTES

222-S Project Manager's Meeting and Miscellaneous Lab Issues (TSD:TS-2-1)

6/10/04

Page 1 of 1

Meeting Attendees:

Andrew Stevens, DOE ORP
Tracy Gao, Ecology
Jerry Yokel, Ecology
Barbara Hill, CH2M HILL

Rick Bond, Ecology
Noel Smith-Jackson, Ecology
Lucinda Borneman, CH2M HILL
Don Hardy, CH2M HILL

Introduction:

Mr. Andy Stevens, ORP, called the meeting to order at 9:30 a.m. Mr. Jerry Yokel, lead chemist for Ecology's Nuclear Waste program, was introduced. He will be attending while Ms. Smith – Jackson is on leave for the next three months.

Approval of Previous Meeting Minutes:

RL and Ecology approved the May 2004 meeting minutes.

Status of Action Items: No Action Items

222-S Laboratory TSD Issues:

Ecology related that the close out meeting for the SRTC Treatability Study Residue Return Investigation will be held on 6/10/04.

222-S Laboratory Operations:

Mr. Don Hardy and Ms. Barb Hill, CH2M HILL, presented the 222-S Operations and Analytical reports for May 2004. The reports are attached.

Mr. Andy Stevens related that the Small Business initiative for chemistry support at 222-S is progressing through the approval cycle.

Miscellaneous Issues

Ecology clarified that the June 17 meeting at 222-S will be an information exchanged and focused on improvements at 222-S that will enable successful performance of up coming tank projects (i.e., Bulk Vittrification, C-200 Tank data, Tank Closure).

Ecology related that Mr. Eric Van Mason, an Ecology inspector, will be at 222-S to investigate samples that became waste and exhibited a higher than expected reactivity hazard. CH2M HILL provided Ecology an information call on the topic earlier in the week.

Next Meeting:

July 8, 2004

2440 Stevens, room 1200

9:30 – 10:15 a.m.

222-S Project Managers Meeting & Misc. Lab Issues (TSD: TS-2-1)
6/10/04

Attachment 1
List of Attendees
Agenda
Action Items
222-S Lab Operations Report
Other Handouts

222-S Project Managers Meeting & Misc. Lab Issues

2440 Stevens Center, room 1305C

June 10, 2004

9:30 – 10:15 a.m.

Agenda

1. Introductions
2. Approval of Previous Meeting Minutes
3. Status of Action Items
4. 222-S TSD Issues
5. 222-S Laboratory
 - 5.1. Operational Report
6. Misc. Issues
7. Review of New Action Items

222-S Project Managers Meeting & Misc. Lab Issues
2440 Stevens Center, room 1200

2440 Stevens Center, room 1200

June 10, 2004

9:30 - 10:45 a.m.

ATTENDEES

[illegible]

MONTHLY OPERATIONS REPORT
222-S Laboratory
May - June 2004

During this reporting period the following waste management activities occurred:

- Approximately 50m³ of low level waste processed and sent to PECO (1 C-Van, 4 ea. 4X4X8 boxes)
- Two 30 gallon drums hazardous waste sent to the 200 Area Effluent Treatment Facilities for treatment. This waste resulted from a caustic flush of the 222-SA Laboratory Reverse Osmosis water purification system.
- SRTC waste returns:
 - Received 12 hedgehog units from PECO on 6/9/2004. Approximately 2.6 liters of waste was transferred to 219S via 11-A Hot Cell.
 - The first bulk drum of liquid SRTC treatability study waste was returned from T-plant. Approximately 60 liters of waste was pumped into 219-S via the sinks in Room 2B, Hood 16. Four additional bulked drums remain at T Plant and are being evaluated for transport and acceptance into the 219-S tank System. .
 - Four of 6 labpack drums of liquid SRTC treatability study waste was shipped from T-Plant and transferred approximately 120 liters of waste into 219-S via the sinks in Room 2B, Hood 16. The remaining two remaining two labpack drums in storage in the DMWSA.
- SRTC sample residue returns:
 - Received 45 hedgehog units from SRTC on 5/24/2004 and transferred to 219S via 11-A Hot Cell (approx 11.25 liters)

An inconsistency was identified during investigations to complete waste designation, and treatment path determination for a set of unused samples in Room 2E/222-S Laboratory. Further investigation, identified the potential for increased hazards due to reactive constituents. There are (16) 15 ml vials contained in a metal outer container. The room was placed on restricted access. Facility is investigating stabilization options, and has initiated a review of unused samples.

Construction activities on the 222-S Main Stack replacement started during this reporting period. The dirt around the edge of Exhaust Fan 2 was excavated, rebar installed and concrete poured. All other stack replacement activities are on schedule. On June 12, the facility will enter a 2 week shutdown for the duration of the stack replacement. During the outage, the diesel exhaust fan will be in service and will maintain sufficient air flow through the hoods to maintain negative air pressure in the building.

After replacement of the 31-inch Duct Replacement project (reported last month), HEPA filters for Room 4K, Hood 4 and 7, failed flow test. The work was treated as emergent work and the filters were successfully replaced.

MONTHLY ANALYTICAL REPORT

222-S Laboratory

May – June 2004

222-S Lab has developed sludge caustic demand equations to estimate the amount of solids and liquids in DST/SST sludge samples by using analytical data and buffering factors.

Automated Bar Coding of all samples at Hanford (ABCASH 2) acceptance testing of the replacement portable handheld bar-code was successfully completed the this reporting period.

222-S Lab is developing analytical capabilities for characterization of DST/SST head space. This capability is being developed to support DST/SST Industrial Hygiene analytical needs. During this reporting period, the WSCF Quality Assurance Project Plan (QAPjP) for industrial hygiene work has been reviewed for modification and preparation of a 222-S Laboratory Industrial Hygiene QAPjP.

The draft procedures for preparing samples from ammonia and nitrogen dioxide vapor absorbent tubes have been written.

222-S Analytical staff successfully expedited sample analysis in advance of the 2 week facility outage required for the Main Stack replacement construction activities.

222-S Laboratory training program is being expanded in order to incorporate NQA-1 requirements. The training program is being enhanced for all analytical and technical staff.

CORRESPONDENCE DISTRIBUTION COVERSHEET

Author
L. E. Borneman,
373-2821

Addressee
Distribution

Correspondence No.
CH2M-0402840

Subject: 222-S PROJECT MANAGERS' MEETING AND MISCELLANEOUS LAB ISSUES
(TSD: TS-2-1), JUNE 2004

DISTRIBUTION

Approval	Date	Name	Location	w/att
		Correspondence Control	A3-01	X
		<u>CH2M HILL</u>		
		Administrative Record	H6-08	X
		H. L. Anastos	T6-12	X
<u>LEB</u>	<u>9/14/04</u>	L. E. Borneman	T6-16	X
		D. B. Hardy	T6-14	X
		B. R. Hill	T6-03	X
		M. N. Jarayssi	H6-03	X
		P. C. Miller	R1-51	X
		K. S. Tollefson	R3-26	X
		222-S Regulatory File	T6-16	X
		LEB File/LB	T6-16	X
		<u>U.S. Department of Energy</u>		
		<u>Office of River Protection</u>		
		R. W. Russell	H6-60	X
		A. J. Stevens	H6-60	X
		<u>Washington State Department of</u>		
		<u>Ecology</u>		
		F. W. Bond	B5-18	X
		T. Z. Gao	B5-18	X
		N. Smith-Jackson	B5-18	X